

Athens Ill Feb 28<sup>th</sup> 1873

Dear Gray - your Dec

41 - is Cakouba it got out of place  
you will find it at the end of all  
191 & 292 must have slipped

out some way probably from

you - 3 Enclaves bits 191 is Crataegus  
probably form of Coccoloba & 292 don't  
know - 386 & 387 are certainly

different at least to extent of well  
marked varieties there is a slight  
difference in Corolla - but the large  
pubescent leaves are the most

Characteristic of 387 - Silphium  
gracile - is not always low & slender  
and a naked stem as the specimens  
it becomes in richer soils more robust  
and develops one or two pairs of  
well developed leaves below - sometimes  
alternate and alternate bracted

above but the naked stem  
is the type "428" of the number

I have a Ruellia you probably mean  
431 which is a verbena resembling bractea

but I think it is not a hybrid  
but a good species compare the  
seeds with *sublethra* & *bractea*  
the fls are small. Can not be  
any form of *sublethra*. 433 was  
orig found at one locality and  
near the remains of a former  
habitation & no doubt now  
but that is a garden escape  
and not native. I suspected  
this at first

Sorry about *Silene antirrhina* 2  
of them but after all of such  
diverse forms are *spikes* same  
where does the variation that  
originates a species ~~as~~ Darwin  
begin & end? the variation  
of a common weed is not  
worth out interest when studying  
the causes & conditions that produce  
it - aside from robustness  
variation simple. all variation  
depends on inherent constitutional

quality or external conditions  
and in either case the variety  
becomes a ~~matter~~ of interest -  
I have the 2 Catalogs from you  
of the Oregon plants & will send  
one to Desguereux for Boissier  
he had sent the sets before I  
received them I have neglected  
sending till now.  
I will write Col Oberg about  
sending copies. but I suspect  
you had best ask him -  
I think he is sometimes delicate  
in his feelings & waits to be  
asked about such things  
Yours as last

E. Hall